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Radio Frequency (RF) Relaying Facts (RF) and Redeeming
Features (RF) to Real Friends (RF) for a Rosy Future (RF)

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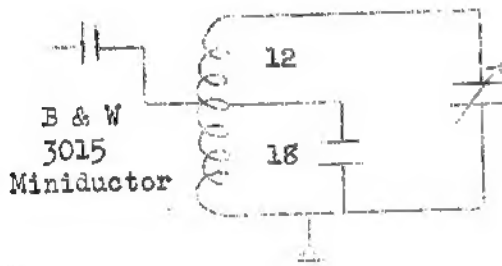
Editors: W6UFP, W6OZO, W6QZQ; Departmental Staff: W6PJU,
W6ZE, W6DEY, K6AAG, W6HIL.

TECHNICAL TOPICS

W6ZE has done some experimenting with arc 5 transmitters. He finds that the 1625 tube works very nicely with only 5-6 volts on the filaments, and that at voltage not over 500 on the plate the emission difference from 6 to 12 volts is not noticeable. This discovery will save a lot of headaches for those who want to use the rigs mobile.

For some time we have been using a transmitting balun coil set up for matching our coax feed line to our receiver which has about 400 ohm input. This is rather bulky, so we procured a TV type balun made by the Miller Company which occupies a space not much larger than 1 1/2 cubic inches. It is available in 3 different impedance ranges. How many of you are feeding 52 ohm coax into a receiver with 400 ohm input? Better look at the Specs. on your receiver.

The Club enjoyed an interesting presentation by Gene Proctor, W6TTS, of the Wilmington Club on his all band, one coil transmitter tank (the circuit of which is illustrated) built in his mobile transmitter.



DUAL 140
VYF
CONDENSER

The Wilmington Radio Club
meets
3rd Friday each month

Again we must apologize to W6EDK; a misprint insists that Rod has an antenna "form." It should be "farm." (Really, there is such a thing as an antenna farm.)

DON'T FORGET THE TURKEY DRAWING AT THE NEXT CLUB MEETING THIS WEDNESDAY, NOVEMBER 17, 1954.

TIK has fancy new field strength meter for transmitter hunts...K6CQS and K6EXN are owners of new HQ-140-X receivers and say they are really hot ... W6ZE has new wheels and new Elmac receiver, and much louder signal with TBS in car...DEY on extended eastern trip.... QZQ super busy with new job, how about the mobile, Horace, we don't hear you on much.... W6JTV with loud signal from V37 and 32V...NST, CWX, AID DOY active in Garden Grove...PEJ sporting BC 191 on 75 meter phone...W6KEE heard on the band again (75 m.)...W6CMT of Ontario looking for Orange County contacts on 75 m.

"ON SIDEBAND"

Two petitions for separate frequencies for SSB operation were dismissed by the FCC on October 20th for two reasons: (1.) The Commission does not feel frequencies fully used if they set aside some for special groups, and (2.) The Commission does not find sufficient evidence available that SSB is incompatible with AM in normal usage.

From the above, several conclusions must be drawn: (1.) The FCC does not state that they have made any investigation other than the petitions received (they claim sufficient evidence is not available to the Commission,)(2.) Recognizing the need for advancement of the art and science of radio we must not become divided over the SSB issue, and (3.) Already there exists a special group -- phone stations are not privileged to use the entire band -- NEFM is restricted to definite portions of the AM bands.

Now, as we see it, that is definitely playing special groups. CW can operate anywhere. By FCC reasoning, the CW people are thereby elevated to a special group with unlimited frequency privileges, and phone stations may not operate in their special frequencies. Be that as it may, we know the FCC can restrict SSB to certain portions of the phone bands by the same token they already limit NBFM to certain portions. It seems to us that similar action is more necessary for SSB than for NBFM, which certainly is less incompatible than SSB. We do not argue whether or not there is incompatibility -- all you have to do is listen to the comment on the bands and try to tune a nearby SSB station on your receiver set for normal AM operation to know that friction exists; whether between the ether waves or operators will have to be your conjecture.

We too would like to go sideband someday, and would like very much to be able to go to a portion of the band to do so where the AM stations would not feel we were transgressing.

How about SSB being restricted to one portion?

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THE YL'S CORNER
by W6PJU

Sorry to hear Mary Kay, W6JMC, is in Hollywood Hospital for surgery. She will be home next week at 1645 Lima St., Burbank, and will be glad to hear from her friends. Martha, W6QYL, who is temporarily at the Pottenger Sanitarium, Monrovia, is doing nicely. Several of the YL's packed a picnic lunch and paid her a visit this week. Mary, W6LBO and OM Brandy, W6EJL, have loaned Martha a 522 receiver which is helping her pass the time away. Ellen, W6ZIA, is progressing nicely too and is operating on 160 meters at the present time.

The gang is giving Rosemary, K6ACF, a wide berth these days. It seems that "Sin" (short for Sinuoso) is at large. "Sin" is a pet snake and hasn't been seen for a week or so! We're looking forward to seeing Gertie, W6FEA, and Lucille, W6JMS, who are expecting to get down from Fresno this weekend and visit the YL meeting.

A national YL convention, sponsored by the Young Ladies' Radio Club of Los Angeles, is planned for next June in Los Angeles - all YLs are cordially invited to attend our meetings and help plan for this event.

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MOBILCADE

Sponsored by: 75 meters Wheels Club in Long Beach, California Date: November 21, 1954
Meeting Place: Corner of Whittier Blvd. and Rosemead (Lakewood) Time: 0700 Hours

W6FMQ Mobile in Whittier will be host and will talk everyone in. Those attending must be Mobile. Bring picnic lunch for potluck. Bring an item (surplus or otherwise) valued at \$5.00 or less, for an auction. The Wheels Club will get 10% for their Treasury. There will be a Field Strength Measurement Contest with Prizes. All measurements will be made with an especially fine piece of test gear. There will be prizes for the ladies.

So far 60 Mobiles have stated they will attend. All Orange County Amateurs are invited as the "Orange County Ham Club" has a reputation for being quite active! For further information, contact W6OZS or W6EJL.